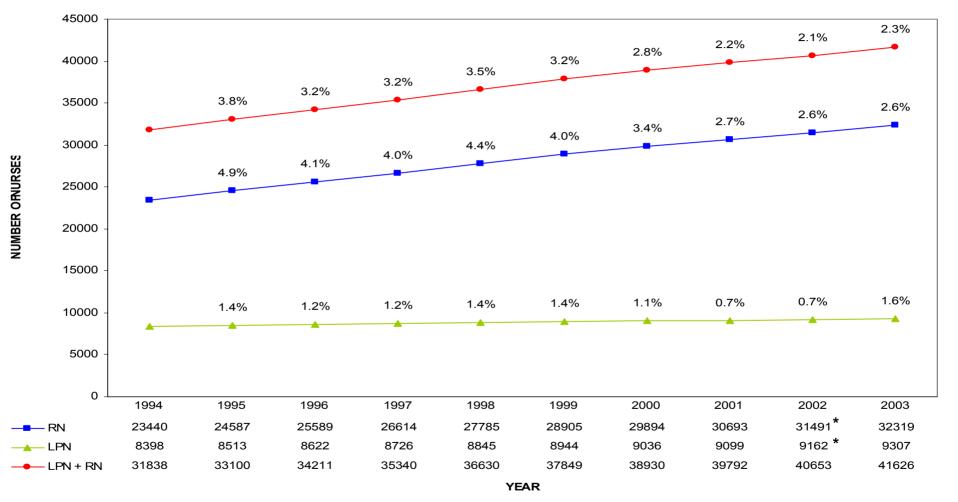
# A Profile of the South Carolina Nursing Workforce, 2003

Prepared by:

Office of Research and Statistics,
South Carolina Budget and Control Board
in cooperation with
State Board of Nursing

#### RN's and LPN's Employed in South Carolina

July of Each Year 1994-2003



#### \*Estimated

#### Race/Gender/Age

|                       | RN    | I     | LP    | N     |
|-----------------------|-------|-------|-------|-------|
|                       | 1994  | 2003  | 1994  | 2003  |
| Percent African Amer. | 10.3% | 13.5% | 29.1% | 30.5% |
| Percent Male          | 4.3%  | 6.6%  | 3.2%  | 3.9%  |
| Percent 50+           | 21.6% | 32.4% | 26.2% | 34.7% |

#### **Highest Educational Level Attained**

|                                | 1994  |        | 20     | 03     | Percent Change |
|--------------------------------|-------|--------|--------|--------|----------------|
| <b>Educational Preparation</b> | No.   | Pct.   | No.    | Pct.   | 1994-2003      |
| Total RN Plus LPN              | 31838 | 100.0% | 41,617 | 100.0% | 29.3%          |
| Doctorate                      | 148   | 0.5%   | 178    | 0.4%   | 20.3%          |
| Masters in Nursing             | 1391  | 4.4%   | 1,923  | 4.6%   | 38.2%          |
| Baccalaureate                  | 6081  | 19.1%  | 9,492  | 22.8%  | 56.1%          |
| Associate                      | 10527 | 33.1%  | 16,552 | 39.8%  | 57.2%          |
| Diploma                        | 5292  | 16.6%  | 4,165  | 10.0%  | -21.3%         |
| LPN                            | 8398  | 26.4%  | 9,307  | 22.4%  | 10.8%          |

### Percent Mix of Nurses Practicing in South Carolina by Highest Degree and Region

| DEGREE | REGION |
|--------|--------|
|--------|--------|

|                    | Total  | <b>Upstate</b> | Midlands | Pee Dee | Low Country |
|--------------------|--------|----------------|----------|---------|-------------|
| Total              | 100.0% | 100.0%         | 100.0%   | 100.0%  | 100.0%      |
| Doctorate          | 0.4%   | 0.4%           | 0.4%     | 0.2%    | 0.6%        |
| Masters            | 4.6%   | 4.0%           | 4.8%     | 3.1%    | 6.3%        |
| Baccalaureate      | 22.8%  | 21.8%          | 24.2%    | 16.2%   | 27.5%       |
| Associate          | 39.8%  | 44.2%          | 38.3%    | 43.8%   | 33.5%       |
| Diploma            | 10.0%  | 9.7%           | 9.4%     | 9.1%    | 11.8%       |
| LPN                | 22.4%  | 19.9%          | 22.9%    | 27.5%   | 20.2%       |
| RN/1,000 pop.      | 7.9    | 8.1            | 8.0      | 7.3     | 8.5         |
| Ratio of<br>RN:LPN | 3.5    | 4.0            | 3.4      | 2.6     | 4.0         |

### Mix of Nurses Practicing in South Carolina by Highest Degree and Region

| DEGREE | <b>REGION</b> |
|--------|---------------|
|--------|---------------|

|                 | Total  | Upstate | Midlands | Pee Dee | Low Country |
|-----------------|--------|---------|----------|---------|-------------|
| Total           | 41,617 | 10,939  | 13,041   | 7,953   | 9,684       |
| Doctorate       | 178    | 44      | 56       | 16      | 62          |
| Masters         | 1,923  | 440     | 621      | 249     | 613         |
| Baccalaureate   | 9,492  | 2,384   | 3,158    | 1,287   | 2,663       |
| Associate       | 16,552 | 4,832   | 4,992    | 3,485   | 3,243       |
| Diploma         | 4,165  | 1,065   | 1,226    | 727     | 1,147       |
| LPN             | 9,307  | 2,174   | 2,988    | 2,189   | 1,956       |
| RN/1,000 pop.   | 7.9    | 8.1     | 8.0      | 7.3     | 8.5         |
| Ratio of RN:LPN | 3.5    | 4.0     | 3.4      | 2.6     | 4.0         |

### Registered Nurses Practicing in South Carolina Percent Distribution of Hours Worked per Week

| Hours/week | <u>1994</u> | <u>2003</u> |
|------------|-------------|-------------|
| Under 26   | 13.1%       | 14.6%       |
| 26-35      | 7.5%        | 9.0%        |
| 36-55      | 77.1%       | 73.8%       |
| 56+        | 2.3%        | 2.9%        |

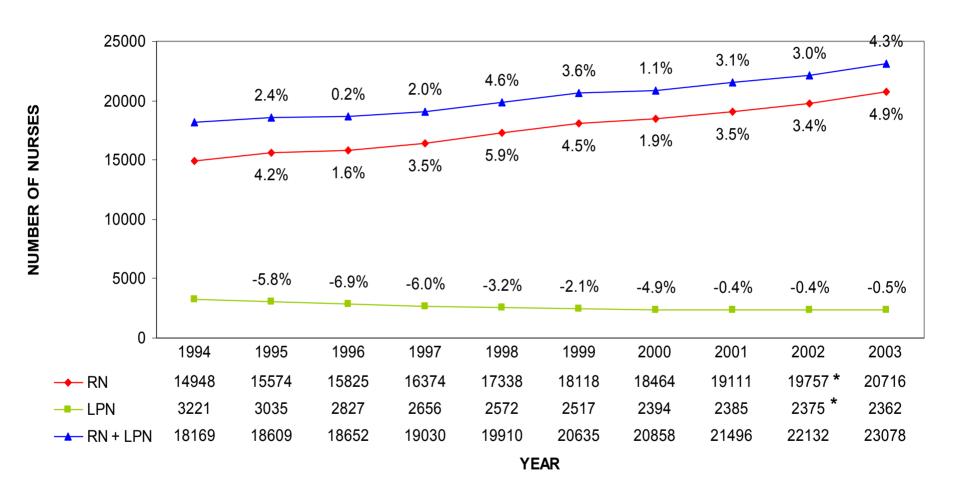
#### Registered Nurses Practicing in South Carolina Hours Worked per Week by Age

| HOURS/WEEK |             |       |       |       | AGE GR | AGE GROUPS |       |       |       |     |  |  |
|------------|-------------|-------|-------|-------|--------|------------|-------|-------|-------|-----|--|--|
|            | Under<br>25 | 25-29 | 30-34 | 35-39 | 40-44  | 45-49      | 50-54 | 55-59 | 60-64 | 65+ |  |  |
| Under 26   | 46          | 281   | 627   | 648   | 670    | 614        | 500   | 445   | 393   | 484 |  |  |
| 26-35      | 40          | 172   | 346   | 377   | 451    | 467        | 371   | 318   | 183   | 106 |  |  |
| 36-55      | 792         | 2211  | 2807  | 2878  | 3579   | 4147       | 3622  | 2363  | 1153  | 303 |  |  |
| 56+        | 27          | 75    | 113   | 143   | 152    | 170        | 130   | 75    | 31    | 9   |  |  |

### Registered Nurses Practicing in South Carolina Percent Distribution of Hours Worked per Week by Age

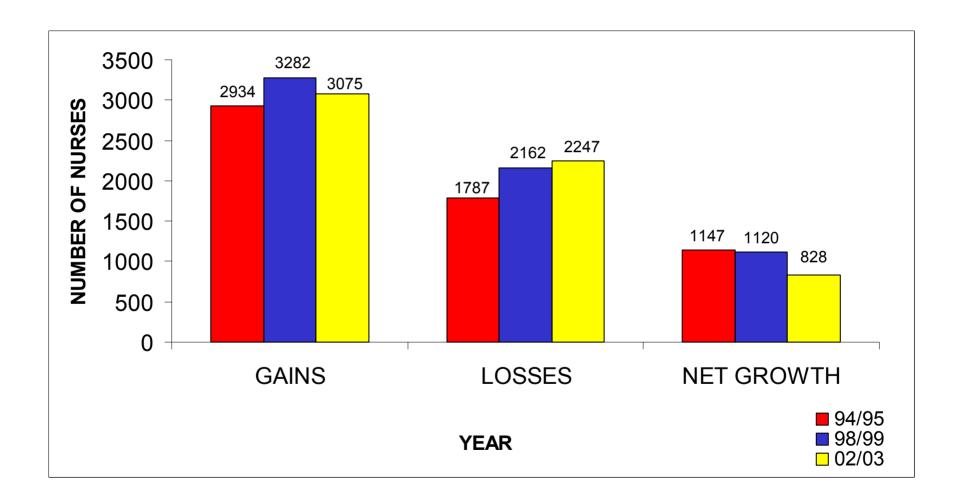
| Hours/ week |                 |              | Age Groups   |              |            |
|-------------|-----------------|--------------|--------------|--------------|------------|
|             | <u>Under 25</u> | <u>25-29</u> | <u>30-34</u> | <u>35-39</u> | 40-44      |
|             | 100.0%          | 100.0%       | 100.0%       | 100.0%       | 100.0%     |
| Under 26    | 5.1%            | 10.3%        | 16.1%        | 16.%         | 13.8%      |
| 26-35       | 4.4%            | 6.3%         | 8.9%         | 9.3%         | 9.3%       |
| 36-55       | 87.5%           | 80.7%        | 72.1%        | 71.1%        | 73.8%      |
| 56+         | 3.0%            | 2.7%         | 2.9%         | 3.5%         | 3.1%       |
| Hours/ week |                 |              | Age Groups   |              |            |
|             | <u>45-49</u>    | <u>50-54</u> | <u>55-59</u> | <u>60-64</u> | <u>65+</u> |
|             | 100.0%          | 100.0%       | 100.0%       | 100.0%       | 100.0%     |
| Under 26    | 11.4%           | 10.8%        | 13.9%        | 22.3%        | 53.7%      |
| 26-35       | 8.7%            | 8.0%         | 9.9%         | 10.4%        | 11.8%      |
| 36-55       | 76.8%           | 78.3%        | 73.8%        | 65.5%        | 33.6%      |
| 56+         | 3.1%            | 2.8%         | 2.3%         | 1.8%         | 1.0%       |

## RN's and LPN's Employed in SC Hospitals July of Each Year 1994-2003

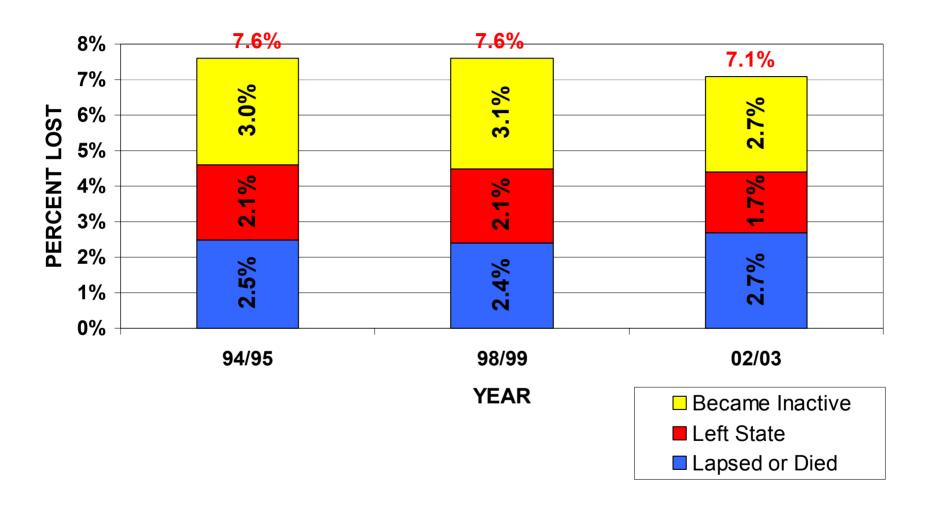


#### \*Estimated

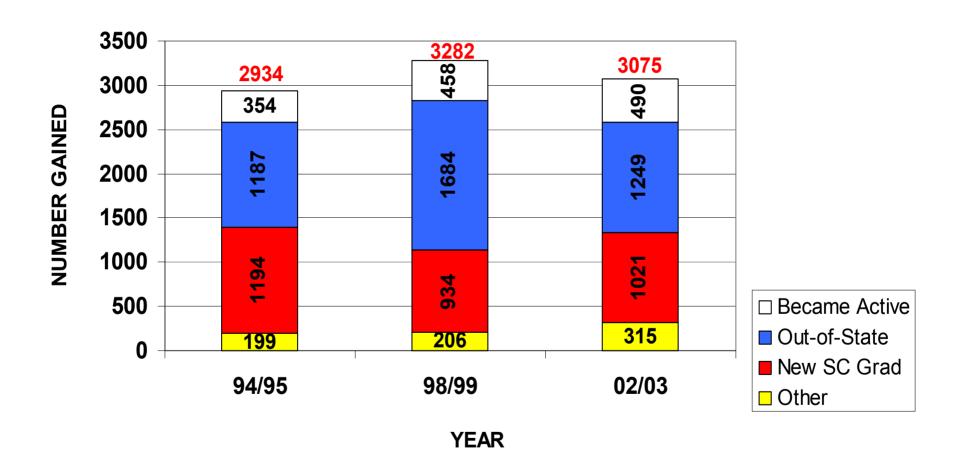
## Annual Gains, Losses and Net Growth of Employed RN's Change in Number Practicing July of Each Year



### Percent of RN's Lost in South Carolina by Reason of Loss



### Number of RN's Gained in South Carolina by Reason for Gain



### Number of RN's Lost in South Carolina by Age and Degree

**DEGREE** AGE

|               | <u>Total</u> | Under<br><u>25</u> | <u>25-29</u> | <u>30-34</u> | <u>35-39</u> | <u>40-44</u> | <u>45-49</u> | <u>50-54</u> | <u>55-59</u> | <u>60-64</u> | <u>65+</u> |
|---------------|--------------|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
| All Degrees   | 2247         | 110                | 200          | 292          | 266          | 244          | 324          | 260          | 209          | 226          | 116        |
| Diploma       | 360          | 2                  | 1            | 12           | 26           | 22           | 32           | 39           | 72           | 99           | 55         |
| Associate     | 987          | 36                 | 78           | 131          | 132          | 123          | 178          | 126          | 84           | 73           | 26         |
| Baccalaureate | 716          | 72                 | 112          | 135          | 92           | 82           | 75           | 62           | 30           | 40           | 16         |
| Master        | 167          | 0                  | 8            | 12           | 13           | 16           | 38           | 30           | 20           | 13           | 17         |
| Doctorate     | 7            | 0                  | 0            | 0            | 0            | 1            | 1            | 1            | 3            | 1            | 0          |
| Not Stated    | 10           | 0                  | 1            | 2            | 3            | 0            | 0            | 2            | 0            | 0            | 2          |

### Percent Distribution of RN's Lost by Age and Degree

**DEGREE** 

**AGE** 

|                    | <u>Total</u> | <u>Under 25</u> | <u>25-29</u> | <u>30-34</u> | <u>35-39</u> | <u>40-44</u> | <u>45-49</u> | <u>50-54</u> | <u>55-59</u> | <u>60-64</u> | <u>65+</u> |
|--------------------|--------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
| All Degrees        | 100.0%       | 4.9%            | 8.9%         | 13.0%        | 11.8%        | 10.9%        | 14.4%        | 11.6%        | 9.3%         | 10.1%        | 5.2%       |
| Diploma            | 100.0%       | 0.6%            | 0.3%         | 3.3%         | 7.2%         | 6.1%         | 8.9%         | 10.8%        | 20.0%        | 27.5%        | 15.3%      |
| Associate          | 100.0%       | 3.6%            | 7.9%         | 13.3%        | 13.4%        | 12.5%        | 18.0%        | 12.8%        | 8.5%         | 7.4%         | 2.6%       |
| Bacca-<br>laureate | 100.0%       | 10.1%           | 15.6%        | 18.9%        | 12.8%        | 11.5%        | 10.5%        | 8.7%         | 4.2%         | 5.6%         | 2.2%       |
| Master             | 100.0%       | 0.0%            | 4.8%         | 7.2%         | 7.8%         | 9.6%         | 22.8%        | 18.0%        | 12.0%        | 7.8%         | 10.2%      |
| Doctorate          | 100.0%       | 0.0%            | 0.0%         | 0.0%         | 0.0%         | 14.3%        | 14.3%        | 14.3%        | 42.9%        | 14.3%        | 0.0%       |
| Not Stated         | 100.0%       | 0.0%            | 10.0%        | 20.0%        | 30.0%        | 0.0%         | 0.0%         | 20.0%        | 0.0%         | 0.0%         | 20.0%      |

## Growth Attributable to New Graduates of South Carolina Nursing Education Programs July 2002 - July 2003

| <u>Setting</u>                    | New SC Graduates | <u>Percent</u> |
|-----------------------------------|------------------|----------------|
| TOTAL                             | 1,021            | 100.0%         |
| Hospital                          | 904              | 88.5%          |
| Nursing Home                      | 41               | 4.0%           |
| Physician Office                  | 29               | 2.8%           |
| Other Office & Freestanding Surg. | 23               | 2.3%           |
| Health Department                 | 5                | 0.5%           |
| Private Home Health               | 5                | 0.5%           |
| All Other*                        | 14               | 1.4%           |

<sup>\*</sup>All other includes: Other community health, Supplemental staffing agency, Hospice, Insurance/Third party, Outpatient mental health, Occupational health, Private duty, Self-employed, School nurse, School of nursing, Parish nurse, Other

### **Growth Attributable to New Graduates** of SC RN Nursing Education Programs

by Basic Degree July 2002 – July 2003

#### **New SC Graduates**

| Basic Degree  | Employed in SC | <u>Percent</u> |
|---------------|----------------|----------------|
| TOTAL         | 1,021          | 100.0%         |
| Baccalaureate | 267            | 26.2%          |
| Associate     | 753            | 73.8%          |

## Growth Attributable to New Graduates of South Carolina Nursing Education Programs by Degree and Race

|               | All<br><u>Races</u> | White | African<br><u>American</u> | American<br><u>Indian</u> | <u>Asian</u> | <u>Other</u> | <u>Hispanic</u> | <u>Not</u><br>Stated |
|---------------|---------------------|-------|----------------------------|---------------------------|--------------|--------------|-----------------|----------------------|
| All Degrees   | 1021                | 835   | 162                        | 2                         | 8            | 2            | 6               | 6                    |
| Associate     | 753                 | 616   | 121                        | 2                         | 4            | 1            | 5               | 4                    |
| Baccalaureate | 267                 | 218   | 41                         | 0                         | 4            | 1            | 1               | 2                    |

<sup>\*</sup>All other includes: Other community health, Supplemental staffing agency, Hospice, Insurance/Third party, Outpatient mental health, Occupational health, Private duty, Self-employed, School nurse, School of nursing, Parish nurse, Other

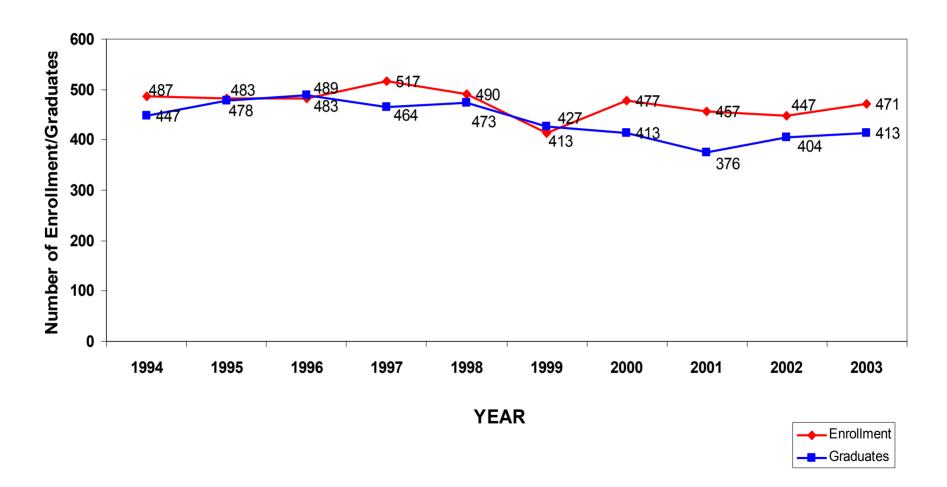
## Growth Attributable to New Graduates of South Carolina Nursing Education Programs by Degree and Race

|               | All Races | White | African<br><u>American</u> | American<br><u>Indian</u> | <u>Asian</u> | <u>Other</u> | <u>Hispanic</u> | Not <u>Stated</u> |
|---------------|-----------|-------|----------------------------|---------------------------|--------------|--------------|-----------------|-------------------|
| All Degrees   | 100.0%    | 81.8% | 15.9%                      | 0.2%                      | 0.8%         | 0.2%         | 0.6%            | 0.6%              |
| Associate     | 100.0%    | 81.8% | 16.1%                      | 0.3%                      | 0.5%         | 0.1%         | 0.7%            | 0.5%              |
| Baccalaureate | 100.0%    | 81.6% | 15.4%                      | 0.0%                      | 1.5%         | 0.4%         | 0.4%            | 0.7%              |

<sup>\*</sup>All other includes: Other community health, Supplemental staffing agency, Hospice, Insurance/Third party, Outpatient mental health, Occupational health, Private duty, Self-employed, School nurse, School of nursing, Parish nurse, Other

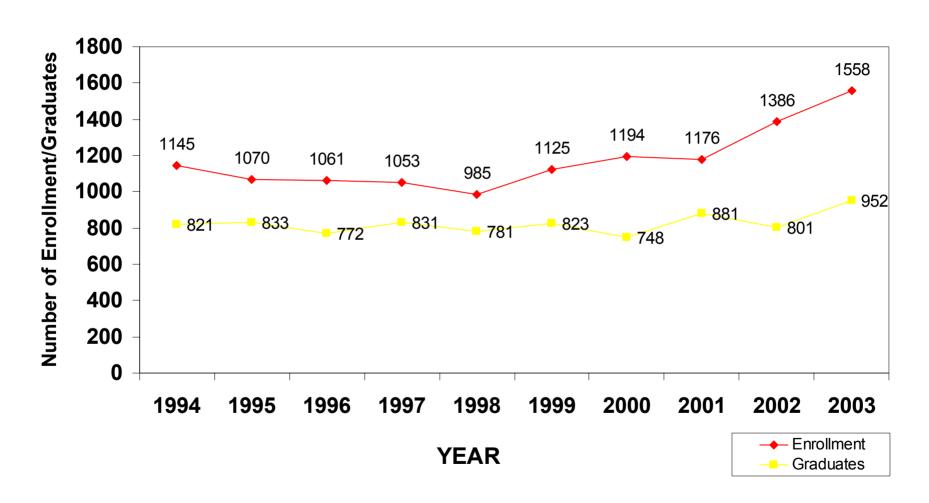
### **Enrollment & Graduates of SC Nursing Programs**1994-2003

**Baccalaureate Degree (Generic)** 



Graduates related to enrollment two years earlier.

## Enrollment & Graduates of SC Nursing Education Programs 1994-2003 Associate Degree



Graduates related to enrollment two years earlier.

#### **Registered Nurses in South Carolina**

### Setting of Practice as of July 1 of Each Year

|                                 | 19     | 994    | 2003   |        |  |
|---------------------------------|--------|--------|--------|--------|--|
| Principal Setting of Practice   | No.    | Pct.   | No.    | Pct.   |  |
| TOTAL                           | 23,440 | 100.0% | 32,319 | 100.0% |  |
| Hospital                        | 14,948 | 63.8%  | 20,716 | 64.1%  |  |
| Physician's Office              | 1,247  | 5.3%   | 2,084  | 6.4%   |  |
| Health Department               | 1,722  | 7.3%   | 1,023  | 3.2%   |  |
| Private Home Health             | 833    | 3.6%   | 651    | 2.0%   |  |
| Other Community Health          | 222    | 0.9%   | 284    | 0.9%   |  |
| Nursing Home                    | 1,273  | 5.4%   | 1,525  | 4.7%   |  |
| Other Office/Freestanding Surg. | 682    | 2.9%   | 1,541  | 4.8%   |  |
| School of Nursing               | 511    | 2.2%   | 563    | 1.7%   |  |
| Occupational Health             | 306    | 1.3%   | 261    | 0.8%   |  |
| School Nurse                    | 451    | 1.9%   | 885    | 2.7%   |  |
| Mental Health                   | 202    | 0.9%   | 209    | 0.6%   |  |
| All Other**                     | 1,043  | 4.4%   | 2,577  | 8.0%   |  |

<sup>\*</sup>Percents may not total 100% due to rounding. \*\*Includes: Self-Employed, Private Duty, Supplemental Staffing Agency, Hospice, Insurance/Third Party, Parish Nurse, Other

#### **Percent Growth of RN's by Setting**

#### South Carolina July 2002 – July 2003

|                              | 2002          | 2003          | Net           | Percent       |
|------------------------------|---------------|---------------|---------------|---------------|
| SETTING                      | <b>ACTIVE</b> | <b>ACTIVE</b> | <b>Growth</b> | <u>Change</u> |
| Hospital                     | 19,438        | 20,380        | 942           | 4.8%          |
| (a) Acute Inpatient          | 15,151        | 14,588        | -563          | -3.7%         |
| (b) Acute Outpatient         | 2,452         | 2,520         | 68            | 2.8%          |
| (c) Acute Hospital-wide      | 1,427         | 2,890         | 1,463         | 102.5%        |
| (d) Psychiatric/MR           | 408           | 382           | -26           | -6.4%         |
| Physician's/Other Office     | 2,280         | 2,133         | -147          | -6.4%         |
| Freestanding Outpatient Ctr. | 1,330         | 1,492         | 162           | 12.2%         |
| Home Health                  | 1,217         | 1,184         | -33           | -2.7%         |
| Acute Hosp.                  | 319           | 336           | 17            | 5.3%          |
| Health Dept. (DHEC)          | 226           | 197           | -29           | -13.0%        |
| Private Home Health          | 672           | 651           | -21           | -3.1%         |

#### **Percent Growth of RN's by Setting**

### South Carolina July 2002 – July 2003, cont.

|                                  | 2002          | 2003          | Net           | Percent       |
|----------------------------------|---------------|---------------|---------------|---------------|
| SETTING                          | <b>ACTIVE</b> | <b>ACTIVE</b> | <b>Growth</b> | <u>Change</u> |
| Hospice                          | 323           | 352           | 29            | 9.0%          |
| Health Dept. (excl. Home Health) | 879           | 826           | -53           | -6.0%         |
| Outpat. Mental Health/Alcohol    | 264           | 249           | -15           | -5.7%         |
| Other Community Health           | 246           | 244           | -2            | -1.0%         |
| Nursing Home                     | 1499          | 1525          | 26            | 1.7%          |
| School Nurse                     | 845           | 885           | 40            | 5.0%          |
| Insurance/Third Party            | 565           | 600           | 35            | 6.2%          |
| School of Nursing                | 563           | 563           | 0             | 0%            |
| Occupational Health              | 292           | 261           | -31           | -10.6%        |
| Self-Employed/Private Duty       | 191           | 177           | -14           | -7.3%         |
| All Other*                       | 1559          | 1448          | -111          | -7.1%         |

<sup>\*</sup>Includes: Self-Employed, Private Duty, Supplemental Staffing Agency, Hospice, Insurance/Third Party, Parish Nurse, Other

### RN's Employed in SC Hospitals by Major Teaching or Practice Area

as of July of Each Year

|                                |             |             | % Change  |
|--------------------------------|-------------|-------------|-----------|
| <u>Area</u>                    | <u>2002</u> | <u>2003</u> | 2002-2003 |
| Total                          | 19,757      | 20,716      | 4.9%      |
| General Nursing Practice       | 3,300       | 3,577       | 8.4%      |
| Critical Care                  | 3,246       | 3,410       | 5.1%      |
| Other Special Medical/Surgical | 2,397       | 2,554       | 6.5%      |
| OR/Recovery                    | 2,026       | 2,052       | 1.3%      |
| Emergency                      | 1,590       | 1,702       | 7.0%      |
| OB-GYN                         | 1,567       | 1,638       | 4.5%      |
| Neonatology                    | 806         | 855         | 6.1%      |
| Psychiatric/Mental Health      | 842         | 801         | -4.9%     |
| Pediatrics                     | 672         | 699         | 4.0%      |

### RN's Employed in SC Hospitals

### by Major Teaching or Practice Area as of July of Each Year, cont.

|                        |             |             | % Change         |
|------------------------|-------------|-------------|------------------|
| <u>Area</u>            | <u>2002</u> | <u>2003</u> | <u>2002-2003</u> |
| Administration         | 631         | 659         | 4.4%             |
| Anesthesiology         | 626         | 640         | 2.2%             |
| Oncology               | 491         | 502         | 2.2%             |
| Rehabilitation         | 425         | 463         | 8.9%             |
| QA/Outcomes Evaluation | 412         | 443         | 7.5%             |
| Home Health            | 319         | 336         | 5.3%             |
| Occupational Health    | 82          | 108         | 31.7%            |
| All Other              | 325         | 277         | -14.8%           |

#### Nurse Practitioner Specialties in South Carolina As of July of Each Year

1999 - 2003

|                                    | 1    | 999    | 2003  |        | 1999-2003   |
|------------------------------------|------|--------|-------|--------|-------------|
| <u>TYPE</u>                        | No.  | Pct.   | No.   | Pct.   | Pct. Change |
| All Types                          | 1271 | 100.0% | 1,659 | 100.0% | 30.5%       |
| <b>Certified Nurse Anesthetist</b> | 521  | 41.0%  | 616   | 37.1%  | 18.2%       |
| Nurse Midwife                      | 60   | 4.7%   | 65    | 3.9%   | 8.3%        |
| Family Nurse                       | 337  | 26.5%  | 534   | 32.2%  | 58.5%       |
| Adult Care                         | 61   | 4.8%   | 96    | 5.8%   | 57.4%       |
| Pediatric Nurse                    | 56   | 4.4%   | 73    | 4.4%   | 30.4%       |
| Family Planning                    | 5    | 0.4%   | 5     | 0.3%   | 0.0%        |
| Acute Care                         | 37   | 2.9%   | 56    | 3.4%   | 51.4%       |
| OB/GYN                             | 27   | 2.1%   | 20    | 1.2%   | -25.9%      |
| Neo-Natal                          | 44   | 3.5%   | 42    | 2.5%   | -4.5%       |
| Psychiatric Nurse                  | 6    | 0.5%   | 11    | 0.7%   | 83.3%       |
| <b>Clinical Nurse Specialist</b>   | 55   | 4.3%   | 48    | 2.9%   | -12.7%      |
| Women's Health                     | 47   | 3.7%   | 52    | 3.1%   | 10.6%       |
| Other                              | 15   | 1.2%   | 41    | 2.5%   | 173.3%      |

## Advanced Practice Nurses in South Carolina Average Age July 2003

2003

|                             | 2003  |                |  |  |
|-----------------------------|-------|----------------|--|--|
| TYPE                        | No.   | Average<br>Age |  |  |
| All Types                   | 1,659 | 47             |  |  |
| Certified Nurse Anesthetist | 616   | 48             |  |  |
| Nurse Midwife               | 65    | 49             |  |  |
| Family Nurse                | 534   | 44             |  |  |
| Adult Care                  | 96    | 48             |  |  |
| Pediatric Nurse             | 73    | 46             |  |  |
| Family Planning             | 5     | 50             |  |  |
| Acute Care                  | 56    | 45             |  |  |
| OB/GYN                      | 20    | 50             |  |  |
| Neo-Natal                   | 42    | 44             |  |  |
| Psychiatric Nurse           | 11    | 45             |  |  |
| Clinical Nurse Specialist   | 48    | 51             |  |  |
| Women's Health              | 52    | 49             |  |  |
| Other                       | 41    | 49             |  |  |

#### Percent Distribution of Advance Practice Nurses by Setting July 2003

|                                 | <u>No.</u> | <u>Pct.</u> |
|---------------------------------|------------|-------------|
| All Types                       | 1,659      | 100.0%      |
| Hospital                        | 841        | 50.7%       |
| Physician's Office              | 423        | 25.5%       |
| Health Department               | 72         | 4.3%        |
| Private Home Health             | 0          | 0.0%        |
| Other Community Health          | 8          | 0.5%        |
| Nursing Home                    | 11         | 0.7%        |
| Other Office/Freestanding Surg. | 168        | 10.1%       |
| School of Nursing               | 48         | 2.9%        |
| Occupational Health             | 5          | 0.3%        |
| School Nurse                    | 14         | 0.8%        |
| Mental Health                   | 10         | 0.6%        |
| All Other*                      | 59         | 3.6%        |

\*Includes: Self-Employed, Private Duty, Supplemental Staffing Agency, Hospice, Insurance/Third Party, Parish Nurse, Other

### Advanced Practice Nurses in South Carolina by Age and Region

AGE GROUPS REGION

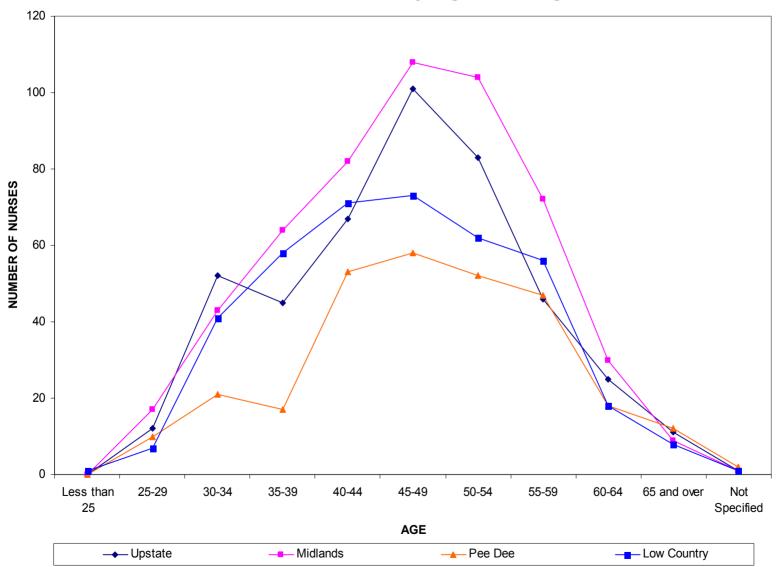
|               | Total | Upstate | Midlands | Pee Dee | <b>Low Country</b> |
|---------------|-------|---------|----------|---------|--------------------|
| Total         | 1659  | 443     | 530      | 290     | 396                |
| Under 25      | 1     | 0       | 0        | 0       | 1                  |
| 25-29         | 46    | 12      | 17       | 10      | 7                  |
| 30-34         | 157   | 52      | 43       | 21      | 41                 |
| 35-39         | 184   | 45      | 64       | 17      | 58                 |
| 40-44         | 273   | 67      | 82       | 53      | 71                 |
| 45-49         | 340   | 101     | 108      | 58      | 73                 |
| 50-54         | 301   | 83      | 104      | 52      | 62                 |
| 55-59         | 221   | 46      | 72       | 47      | 56                 |
| 60-64         | 91    | 25      | 30       | 18      | 18                 |
| 65+           | 40    | 11      | 9        | 12      | 8                  |
| Not Specified | 5     | 1       | 1        | 2       | 1                  |

### Advanced Practice Nurses in South Carolina Percent Distribution by Age and Region

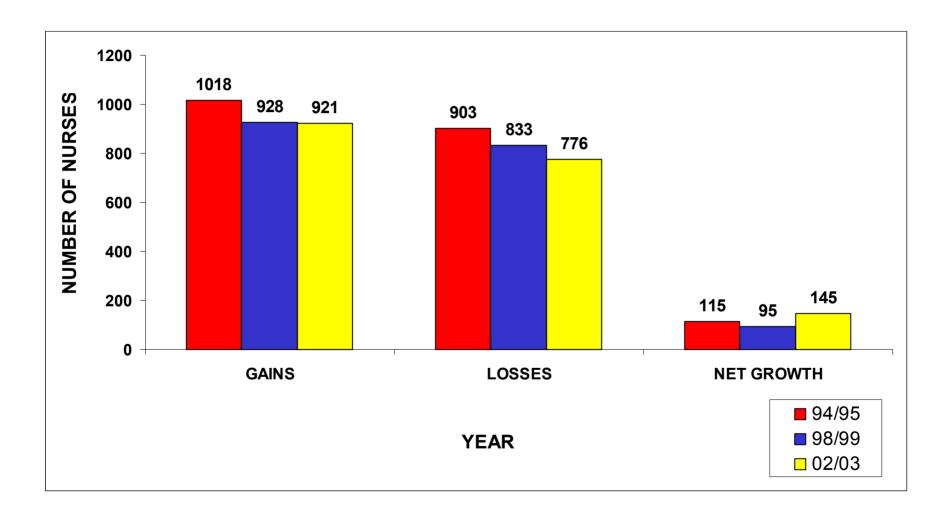
AGE GROUPS REGION

|               | Total  | Upstate | Midlands | Pee Dee | Low Country |
|---------------|--------|---------|----------|---------|-------------|
| Total         | 100.0% | 100.0%  | 100.0%   | 100.0%  | 100.0%      |
| Under 25      | 0.1%   | 0.0%    | 0.0%     | 0.0%    | 0.3%        |
| 25-29         | 2.8%   | 2.7%    | 3.2%     | 3.4%    | 1.8%        |
| 30-34         | 9.5%   | 11.7%   | 8.1%     | 7.2%    | 10.3%       |
| 35-39         | 11.1%  | 10.2%   | 12.1%    | 5.9%    | 14.5%       |
| 40-44         | 16.5%  | 15.1%   | 15.5%    | 18.3%   | 17.9%       |
| 45-49         | 20.5%  | 22.8%   | 20.4%    | 20%     | 18.4%       |
| 50-54         | 18.1%  | 18.7%   | 19.6%    | 17.9%   | 15.7%       |
| 55-59         | 13.3%  | 10.4%   | 13.5%    | 16.2%   | 14.1%       |
| 60-64         | 5.5%   | 5.6%    | 5.7%     | 6.2%    | 4.5%        |
| 65+           | 2.4%   | 2.5%    | 1.7%     | 4.1%    | 2.0%        |
| Not Specified | 0.3%   | 0.2%    | 0.2%     | 0.7%    | 0.3%        |

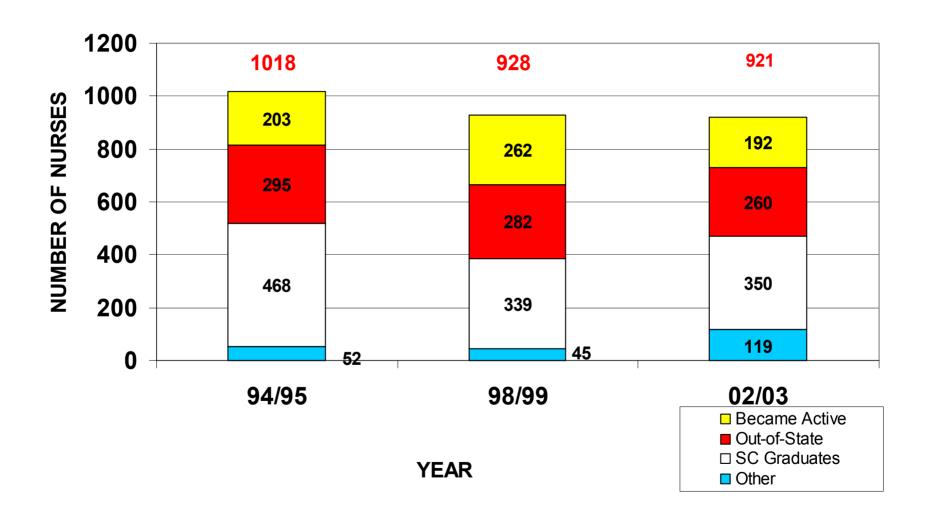
### Advanced Practice Nurses in South Carolina Distribution by Age and Region



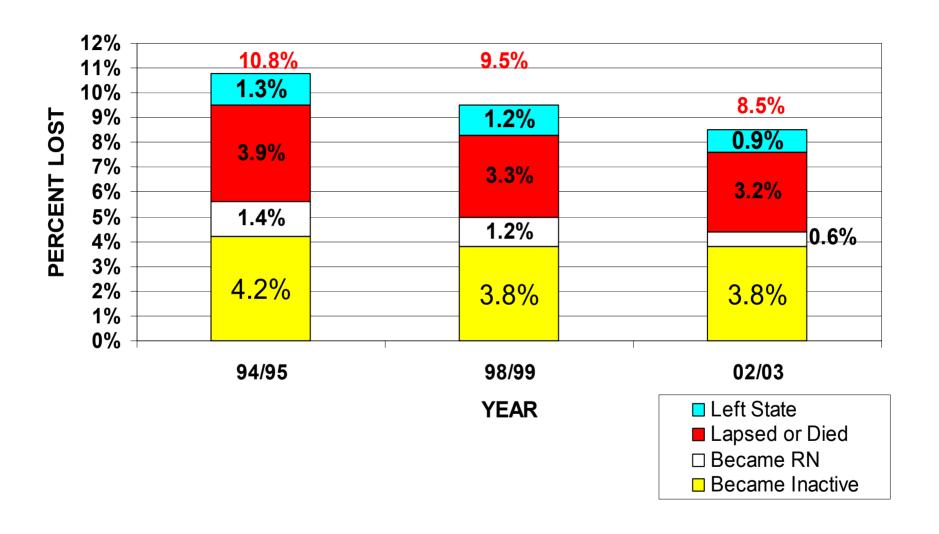
## Annual Gains, Losses and Net Growth of Employed LPN's Change in Number Practicing July of Each Year



#### Number of LPN's Gained in South Carolina by Reason for Gain July to July of Each Period



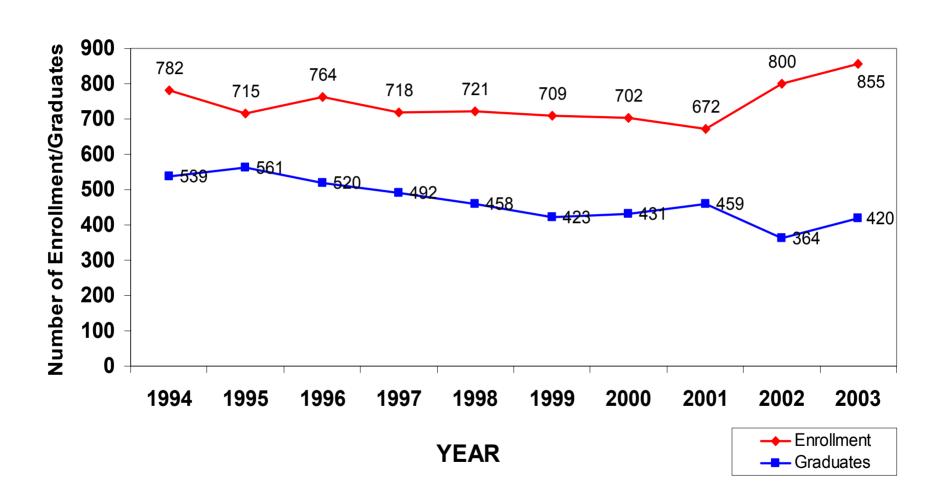
### Percent of LPN's Lost in South Carolina by Reason of Loss



## Growth Attributable to New Graduates of SC LPN Nursing Education Programs July 2002 - July 2003

| Setting          | New Graduates | <u>Percent</u> |
|------------------|---------------|----------------|
| TOTAL            | 350           | 100.0%         |
| Hospital         | 125           | 35.7%          |
| Nursing Home     | 164           | 46.9%          |
| Physician Office | 34            | 9.7%           |
| Other            | 27            | 7.7%           |

## Enrollment & Graduates of SC Nursing Programs 1994-2003 LPN



Graduates related to enrollment one year earlier.

#### **Licensed Practical Nurses in South Carolina**

### Setting of Practice as of July 1 of Each Year

|                                 | 1994  |        | 2003  |        |
|---------------------------------|-------|--------|-------|--------|
| Principal Setting of Practice   | No.   | Pct.   | No.   | Pct.   |
| TOTAL                           | 8,398 | 100.0% | 9,307 | 100.0% |
| Hospital                        | 3,221 | 38.4%  | 2362  | 25.4%  |
| Physician's Office              | 1,204 | 14.3%  | 1759  | 18.9%  |
| Health Department               | 79    | 0.9%   | 47    | 0.5%   |
| Private Home Health             | 0     | 0.0%   | 0     | 0%     |
| Other Community Health          | 214   | 2.5%   | 269   | 2.9%   |
| Nursing Home                    | 2,574 | 30.7%  | 3172  | 34.1%  |
| Other Office/Freestanding Surg. | 278   | 3.3%   | 403   | 4.3%   |
| School of Nursing               | 3     | 0.0%   | 7     | 0.1%   |
| Occupational Health             | 96    | 1.1%   | 72    | 0.8%   |
| School Nurse                    | 108   | 1.3%   | 224   | 2.4%   |
| Mental Health                   | 10    | 0.1%   | 9     | 0.1%   |
| All Other**                     | 611   | 7.3%   | 983   | 10.6%  |

<sup>\*</sup>Percents may not total 100% due to rounding. \*\*Includes: Self-Employed, Private Duty, Supplemental Staffing Agency, Hospice, Frees., Insurance/Third Party, Parish Nurse, Other

#### **Percent Growth of LPN's by Setting**

#### South Carolina July 2002 – July 2003

|                              | 2002          | 2003          | Net           | Percent       |
|------------------------------|---------------|---------------|---------------|---------------|
| SETTING                      | <b>ACTIVE</b> | <b>ACTIVE</b> | <b>Growth</b> | <u>Change</u> |
| Hospital                     | 2,324         | 2,336         | 12            | 1.0%          |
| (a) Acute Inpatient          | 1,839         | 1,730         | -109          | -6.0%         |
| (b) Acute Outpatient         | 255           | 263           | 8             | 3.1%          |
| (c) Acute Hospital-wide      | 116           | 206           | 90            | 77.6%         |
| (d) Psychiatric/MR           | 144           | 137           | -7            | -5.0%         |
| Physician's/Other Office     | 1,856         | 1,786         | -70           | -3.4%         |
| Freestanding Outpatient Ctr. | 302           | 376           | 74            | 25%           |
| Home Health                  | 242           | 248           | 6             | 2.5%          |
| Acute Hosp.                  | 21            | 26            | 5             | 23.8%         |
| Health Dept. (DHEC)          | 2             | 0             | -2            | -100.0%       |
| Private Home Health          | 219           | 222           | 3             | 1.4%          |

#### **Percent Growth of LPN's by Setting**

#### South Carolina July 2002 – July 2003

|                                  | 2002          | 2003          | Net           | Percent       |
|----------------------------------|---------------|---------------|---------------|---------------|
| SETTING                          | <b>ACTIVE</b> | <b>ACTIVE</b> | <b>Growth</b> | <u>Change</u> |
| Hospice                          | 26            | 38            | 12            | 46.2%         |
| Health Dept. (excl. Home Health) | 43            | 47            | 4             | 9.3%          |
| Outpat. Mental Health/Alcohol    | 63            | 71            | 12            | 19.0%         |
| Other Community Health           | 41            | 47            | 6             | 14.6%         |
| Nursing Home                     | 2981          | 3172          | 191           | 6.4%          |
| School Nurse                     | 197           | 224           | 27            | 13.7%         |
| Insurance/Third Party            | 81            | 82            | 1             | 1.2%          |
| School of Nursing                | 7             | 7             | 0             | 0%            |
| Occupational Health              | 77            | 72            | -5            | -6.5%         |
| Self-Employed/Private Duty       | 105           | 90            | -15           | -14.3%        |
| All Other                        | 787           | 711           | -76           | -10.0%        |